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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/938,978 08/24/2001		Alan N. Willson JR.	G&C 31006.2-US-U1	2152
22462	7590 11/02/2005		EXAMINER	
GATES & COOPER LLP			NGO, CHUONG D	
	HUGHES CENTER ER DRIVE WEST, SUIT	E 1050	ART UNIT	PAPER NUMBER
	LES, CA 90045		2193	

DATE MAILED: 11/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	No.	Applicant(s)				
Office Action Summary		09/938,978		WILLSON ET AL.				
		Examiner		Art Unit				
		Chuong D. N	lgo	2193				
	The MAILING DATE of this communication			correspondence address				
Period fo			EVELDE A MONTH	NOVOR THURTY (20) DAVE				
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR RECHEVER IS LONGER, FROM THE MAILING sions of time may be available under the provisions of 37 CFR SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory per re to reply within the set or extended period for reply will, by stareply received by the Office later than three months after the med patent term adjustment. See 37 CFR 1.704(b).	B DATE OF THIS R 1.136(a). In no event riod will apply and will e	S COMMUNICATIO , however, may a reply be ti expire SIX (6) MONTHS from ation to become ABANDON	IN. imely filed n the mailing date of this communication. ED (35 U.S.C. § 133).				
Status								
1)🛛	1) Responsive to communication(s) filed on <u>11 August 2005</u> .							
	a) ☐ This action is FINAL . 2b) ☐ This action is non-final.							
3)[Since this application is in condition for allo							
	closed in accordance with the practice under	er Ex parte Qua	yle, 1935 C.D. 11, 4	153 O.G. 213.				
Disposit	ion of Claims							
4)🛛	☑ Claim(s) <u>1-53</u> is/are pending in the application.							
	4a) Of the above claim(s) is/are withdrawn from consideration.							
,	5) Claim(s) is/are allowed.							
,—	6)⊠ Claim(s) <u>1-53</u> is/are rejected.							
	Claim(s) is/are objected to. Claim(s) are subject to restriction are	od/or election rea	nuirement					
اـــا(٥	claim(s) are subject to restriction ar	id/of cicculoff for	qui ciriorit.					
Applicat	ion Papers							
	The specification is objected to by the Exam		_					
10)	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
	Applicant may not request that any objection to							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
,		C Examinor. 1400	o and attached office					
	under 35 U.S.C. § 119							
12)	Acknowledgment is made of a claim for fore	eign priority und	ər 35 U.S.C. § 119(a)-(d) or (f).				
a) ☐ All b) ☐ Some * c) ☐ None of:								
 Certified copies of the priority documents have been received. Certified copies of the priority documents have been received in Application No 								
	3. Copies of the certified copies of the							
	application from the International Bu			Tod III tillo Hallottal Olago				
*	See the attached detailed Office action for a			ved.				
Attachme	nt(s)							
l —	in(s) ice of References Cited (PTO-892)		4) 🔲 Interview Summa					
2) 🔲 Not	ice of Draftsperson's Patent Drawing Review (PTO-948		Paper No(s)/Mail Notice of Informa	Date I Patent Application (PTO-152)				
	rmation Disclosure Statement(s) (PTO-1449 or PTO/Si er No(s)/Mail Date	5,00,	6) Other:					

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DETAILED ACTION

1. Claims 1-13,15,16,17-28,30,31 and 33-35 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per claim 1, the recitation "bypass input", lines 3, is indefinite as to what is bypassing and what is bypassed in accordance to the "bypass input". Claims 18,33,37 and 47 have the same problems. Further, the limitation of "to hold", line 5, is indefinite as whether it means to store or to stop from transmitting or both. According to the applicant's remark filed on 07/08/2005, "to hold a value" appears to means both that is to store the values and stop it from transmitting, this meaning is thus adopted for the purpose of examination. However, the claims should explicitly define the limitation. claims 15,16,18,30,31,33,37,45 also have the same problem.

2. Claims 14,17,29 and 32 stand rejected under 35 U.S.C. 102(b) as being clearly anticipated by Smith, Jr. (3,482,085).

Smith Jr. discloses in figure 1 an adder for adding a first input (E), a second input (P), and a carry input (F) to produce an adder output (T) and a carry out (G). The adder also has a bypass input (K) for controlling the logic of the adder to generate an adder output and a carry without computing as claimed (suppressing the arithmetic operations of the adder, see abstract and col. 5, lines 40-71).

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- 3. Applicant's arguments filed 07/08/2005 have been fully considered but they are not persuasive with respect to claims 14,17,29,32 because Smith Jr. clearly discloses in the abstract the suppression of the arithmetic operations of the adder as claimed.
- 4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong D. Ngo whose telephone number is (571) 272-3731. The examiner can normally be reached on Tuesday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong D Ngo

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10/31/2005